



PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

**12**

Application Number

**10/727,997- Conf. #7133**

Filing Date

**December 4, 2003**

First Named Inventor

**Tricia J. VOS**

Art Unit

**7133**

Examiner Name

**Rebecca L. Anderson**

Attorney Docket Number

**29984-208422****ENCLOSURES (Check all that apply)**☒ **Fee Transmittal Form**☒ **Issue Fee Transmittal**☐ Request to Correct Inventor's  
Address☐ After Final☐ Affidavits/declaration(s)☐ Response to Notice to File Missing  
Parts☐ Inventor Declaration☐ Information Disclosure Statement,  
PTO/SB/08A☐ Claim for Priority and Certified  
Document☐ Copy of Notice to File Missing Parts☐ Assignment☐ Drawing(s)☐ Licensing-related Papers☐ Petition for Extension of Time☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Corrected Filing  
Receipt☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication  
to TC☐ Appeal Communication to Board of  
Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☒ **Letter**☒ **Other Enclosure(s) (please  
Identify below):****Copies of Date-Stamped Receipt and  
Accompanying Papers for Previously  
Paid Issue Fee****Name Change Cover Sheet,  
Certificate of Amendment of  
Amended And Restated Certificate of  
Incorporation Of Gene Logic Inc. and  
Name Change Certification  
Document**

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

**VENABLE LLP**

Signature

Printed name

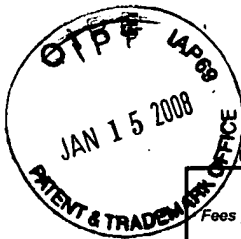
**Keith G. Haddaway, Ph.D.**

Date

**January 15, 2008**

Reg. No.

**46,180**



<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2007</b>		<b>Complete if Known</b>	
		Application Number	10/727,997 – Conf. #7133
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	December 4, 2003
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>360.00</b>		First Named Inventor	Tricia J. VOS
		Examiner Name	Rebecca L. Anderson
		Art Unit	1626
		Attorney Docket No.	29984-208422

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify):	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account No.: <b>22-0261</b> Deposit Account Name: <b>Venable LLP</b>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>					
Each claim over 20 (including Reissues)	50	25					
Each independent claim over 3 (including Reissues)	200	100					
Multiple dependent claims	360	180					
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>			
	- 20 =	x	=	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
	- 3 =	x	=				
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
	- 100 =	/50	(round up to a whole number) x	=			
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge):				<b>Issue Fee Balance Due</b>		<b>\$ 40.00</b>	
				<b>Name Change Fee (7 applications)</b>		<b>\$ 320.00</b>	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	46,180
Name (Print/Type)	Keith G. Haddaway, Ph.D.	Telephone	(202) 344-4000
		Date	January 15, 2008

#923563



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tricia J. VOS *et al.*

Application No. 10/727,997

Filed: December 4, 2003

For: MODULATORS OF MELANOCORTIN  
RECEPTOR

Allowed: October 15, 2007

Confirmation No. 7133

Art Unit : 1626

Examiner: Rebecca L. Anderson

Atty. Docket No. 29984-208422

Customer No.  
26694  
PATENT TRADEMARK OFFICE

**LETTER**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**ATTENTION: MAIL STOP ISSUE FEE**

Sir:

Submitted herewith is the Fee(s) Transmittal page, Part B of the Notice of Allowance dated October 15, 2007, together with an indication that the fee is to be charged to our Deposit Account No. 22-0261. Please note that, although the Issue Fee Due shown on the Fee(s) Transmittal is \$1,440, the amount due is, in fact, \$40, which represents the balance remaining from the previously paid Issue Fee of \$1,400 on June 22, 2007. Copies of our receipt (date-stamped by the PTO on June 22, 2007, and the papers that accompanied payment of the Issue Fee in the amount of \$1,400) are attached.

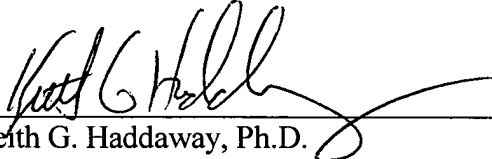
Applicants: Tricia J. VOS *et al.*  
Application No.: 10/727,997

Following payment of the Issue and Publication Fees on June 22, 2007, Applicants filed a Petition to Withdraw From Issue Under 37 C.F.C. § 1.313 and to Reconsider Response to Rule 312 Communication, or, Alternatively, Enter Request for Continued Examination on September 6, 2007. That Petition was granted by the PTO on October 2, 2007, and the new Notice of Allowance was issued on October 15, 2007.

Thus, Applicants, having paid the original Issue Fee of \$1,400 and submitting herewith the amount of \$40 (by way of our Deposit Account No. 22-0261), which represents the balance of the Issue Fee pursuant to the recent \$40.00 increase in the Issue Fee, believe that no further fees are due, and respectfully request expedient receipt of the Issue Notification.

Respectfully submitted,

Date: January 15, 2008

  
\_\_\_\_\_  
Keith G. Haddaway, Ph.D.  
Registration No. 46,180  
VENABLE LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998  
Telephone: (202) 344-4000  
Telefax : (202) 344-8300

KGH/SJB  
#923562

# PATENT PROSECUTION RECEIPT C FILING

140 459  
Venable Filing Number

Attorney/LAA: KGH/LHG/vlc  
PTO Due Date: June 22, 2007  
Current Date: \_\_\_\_\_  
Filing Date: December 4, 2003  
Issue Date: \_\_\_\_\_

Atty. Docket No: 29984-208422  
Title of Application: MODULATORS OF MELANOCORTIN RECEPTOR  
Application No: 10/727,997  
Patent No.: \_\_\_\_\_

The following items were received from Venable LLP, Washington, D.C., by the U.S. Patent & Trademark Office on the date stamped hereon:

## U.S. PTO FEES ENCLOSED

- ☒ Transmittal Letter
- ☒ Fee Transmittal Letter
- \_\_\_\_ New U.S. Patent Application  
(\_\_\_\_ pages of specification/claims)
- \_\_\_\_ Rule 53(d) Continued Prosecution Application
- \_\_\_\_ Rule 53(b) Continuation or Divisional Application  
(attach copy of specification, claims, drawings and declaration)
- \_\_\_\_ U.S. National Stage Application of PCT Application
- \_\_\_\_ Request for Continued Examination (RCE) under 37 CFR 1.114
- \_\_\_\_ Application Data Sheet
- \_\_\_\_ Substitute Specification
- \_\_\_\_ Priority Document-Cert. Copy of  
Appln.#: \_\_\_\_\_; Country: \_\_\_\_\_; Date Filed: \_\_\_\_\_
- \_\_\_\_ Formal Drawings (\_\_\_\_ sheets, Figs.)
- \_\_\_\_ Inventor Declaration
- \_\_\_\_ Assignment w/Cover Sheet
- \_\_\_\_ Response to Notice to File Missing Parts
- \_\_\_\_ Response to Notice to File Missing Requirements
- \_\_\_\_ Response to Requirement
- \_\_\_\_ Information Disclosure Statement with cited references
- \_\_\_\_ Response
- ☒ Amendment Under 37 CFR 1.312 (35 PAGES)
- \_\_\_\_ Petition/Request for Extension of Time (mo. ext.)
- \_\_\_\_ Power of Attorney
- \_\_\_\_ Petition to Revoke
- \_\_\_\_ Sequence Listing - CDR Enclosed? \_\_\_\_ Yes \_\_\_\_ No
- \_\_\_\_ Request for Non-Publication
- \_\_\_\_ Request to Rescind Non-Publication Request
- \_\_\_\_ Terminal Disclaimer
- \_\_\_\_ Notice of Appeal
- \_\_\_\_ Appeal Brief (in triplicate) / Reply Brief (in triplicate)
- \_\_\_\_ Request for Oral Hearing
- \_\_\_\_ Confirmation of Hearing Petition
- ☒ Issue Fee Transmittal
- \_\_\_\_ Certificate of Correction
- \_\_\_\_ Maintenance Fee Transmittal
- \_\_\_\_ Status Inquiry
- \_\_\_\_ Other: (Please describe below)



\_\_\_\_ Filing Fee

\_\_\_\_ Search Fee

\_\_\_\_ Examination Fee

\_\_\_\_ Additional Claim Fee

\_\_\_\_ Extension Fee

\_\_\_\_ IDS Fee

\_\_\_\_ Recordation Fee

\_\_\_\_ Notice of Appeal Fee

\_\_\_\_ Brief on Appeal

\_\_\_\_ Oral Hearing Request Fee

\_\_\_\_ Petition Fee

1,400.00 Issue Fee

300.00 Publication Fee

\_\_\_\_ Certificate of Correction Fee

\_\_\_\_ Maintenance Fee

\_\_\_\_ Other Fees (Describe)

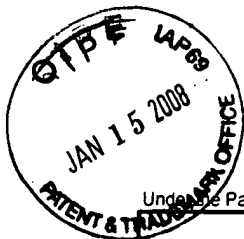
\_\_\_\_

\_\_\_\_

1,700.00 Total Fees Paid

Charge the above fees as follows:

- ☒ USPTO Deposit Account No. 22-0261
- ☐ USPTO Deposit Account No. \_\_\_\_\_
- ☐ USPTO not to charge any Deposit Account



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

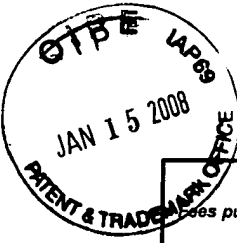
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/727,997-Conf.# 7133	
	Filing Date	December 4, 2003	
	First Named Inventor	Tricia J. VOS	
	Art Unit	1626	
	Examiner Name	Nyeemah Grazier	
Total Number of Pages in This Submission	38	Attorney Docket Number	29984-208422

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> <b>Fee Transmittal Form</b>  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> <b>Amendment Under 1.312</b>  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Information Disclosure Form PTO/SB/08A/B  <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):  <b>Issue Fee Transmittal</b>
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	VENABLE LLP		
Signature			
Printed name	Keith G. Haddaway		
Date	12 Jan 2004	Reg. No.	46,180



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL</b> <b>For FY 2007</b>  <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b>			
		Application Number	10/727,997-Conf. #7133		
		Filing Date	December 4, 2003		
		First Named Inventor	Tricia J. Vos		
		Examiner Name	<del>G. M. Shumaker</del> N. Grazier		
		Art Unit	1626		
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	1,700.00	Attorney Docket No.	29984-208422

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>			
_____ - 20 = _____	x _____	= _____		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
_____ - 3 = _____	x _____	= _____					
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
_____ - 100 = _____	/50 = _____	(round up to a whole number) x _____	= _____				
<b>4. OTHER FEE(S)</b>							
Non-English Specification, <del>\$130 fee (no small entity discount)</del>				<b>Fees Paid (\$)</b>			
Other (e.g., late filing surcharge): 1501 Utility issue fee				1,400.00			
1504 Publication fee for early, voluntary, or normal ...				300.00			

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	46,180
Name (Print/Type)	Keith G. Haddaway, Ph.D.	Telephone	(202) 344-4000
		Date	22 Jan 2007